

A young girl with curly hair, wearing a blue t-shirt, is smiling and leaning her head on a wooden desk. In the background, another child is visible. A white computer keyboard sits on the desk. The scene is set in a classroom.

Education in the Age of the Technologist

by Joe Bustillos (joe@bustillos.com)

2015-04-28



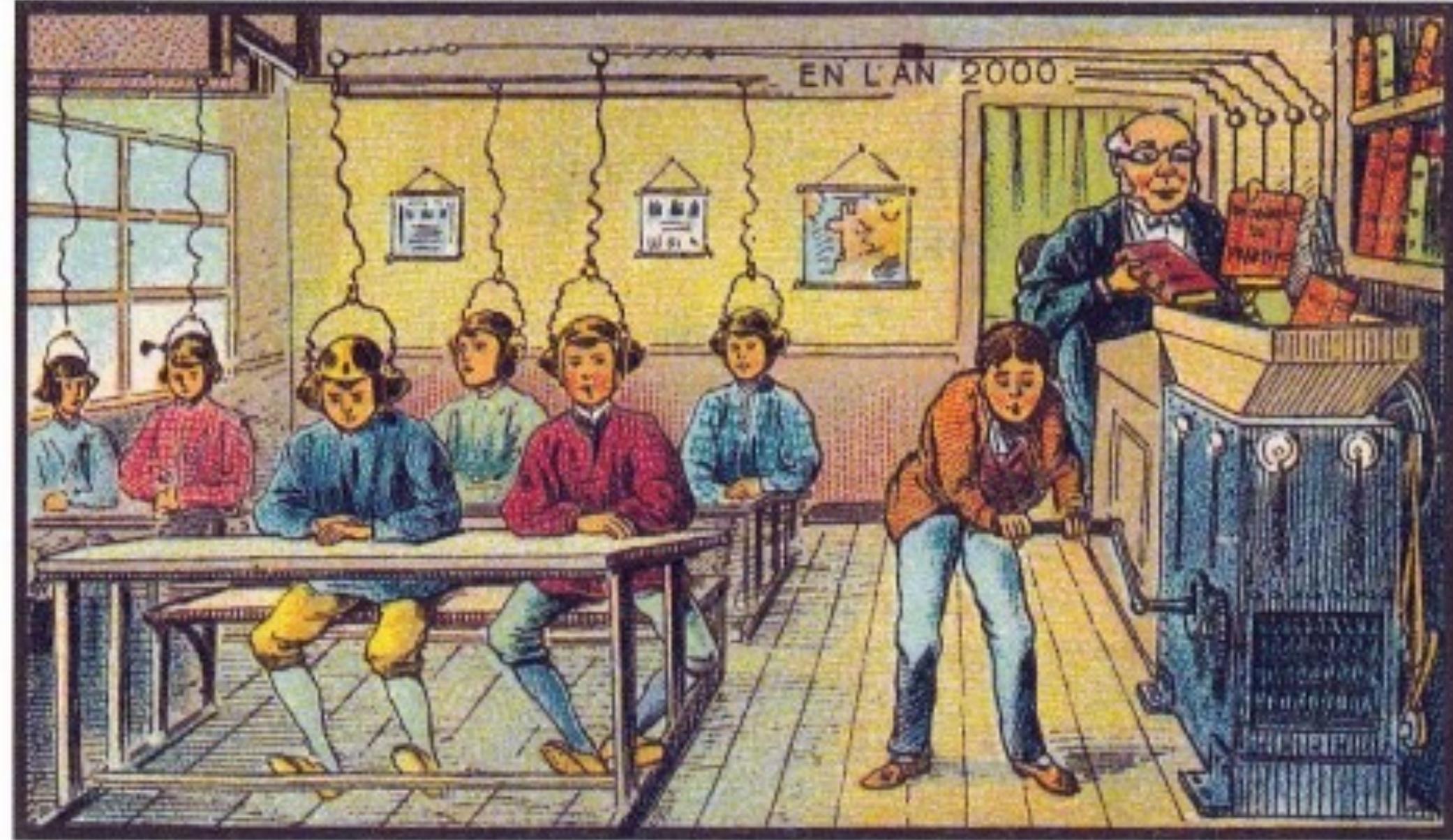
It's broke

**it's a vestigial
institution
that's
completely out
of sync with
how the world
actually works**



**Education is like
Puberty,
Everyone had to go
through it
& most aren't
entirely pleased with
the process or the
results**

**Remove the
human from the
loop**



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MOOC



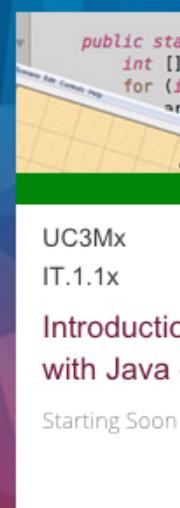
TsinghuaX
30640014x

Conversational English
Skills



AdelaideX
Code101x

Think. Create. Code



UC3Mx
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with Java -
Starting Soon



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Arts and humanities

HUMANITIES

History

Music

ART HISTORY

Art history basics

Renaissance and Reformation in Europe

Prehistoric art in Europe and West Asia

Baroque, Rococo, Neoclassical and Romantic art

Art of the ancient Mediterranean

Art in 19th century

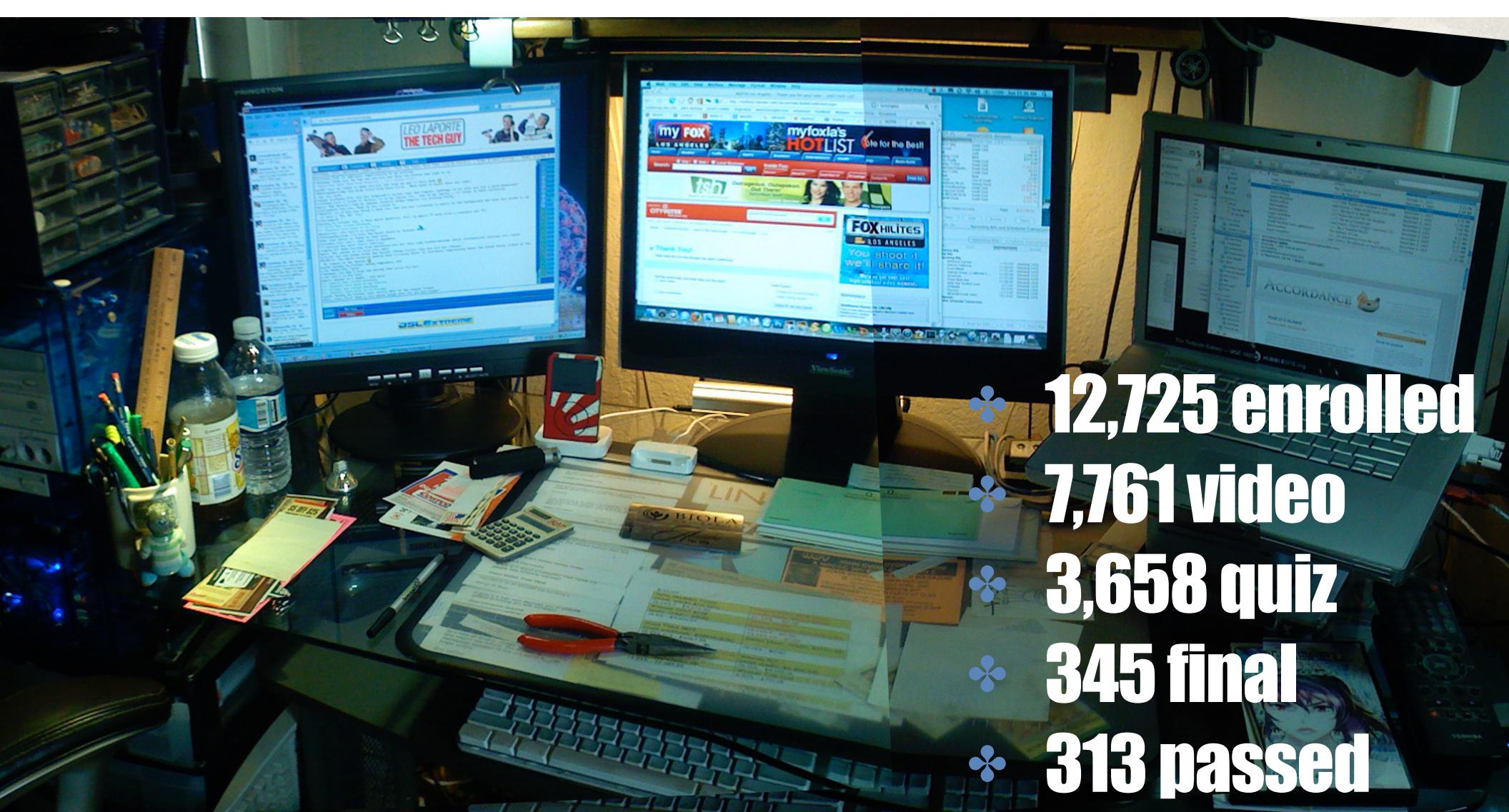
Art of Medieval Europe

Expressionism

Art of the Islamic world

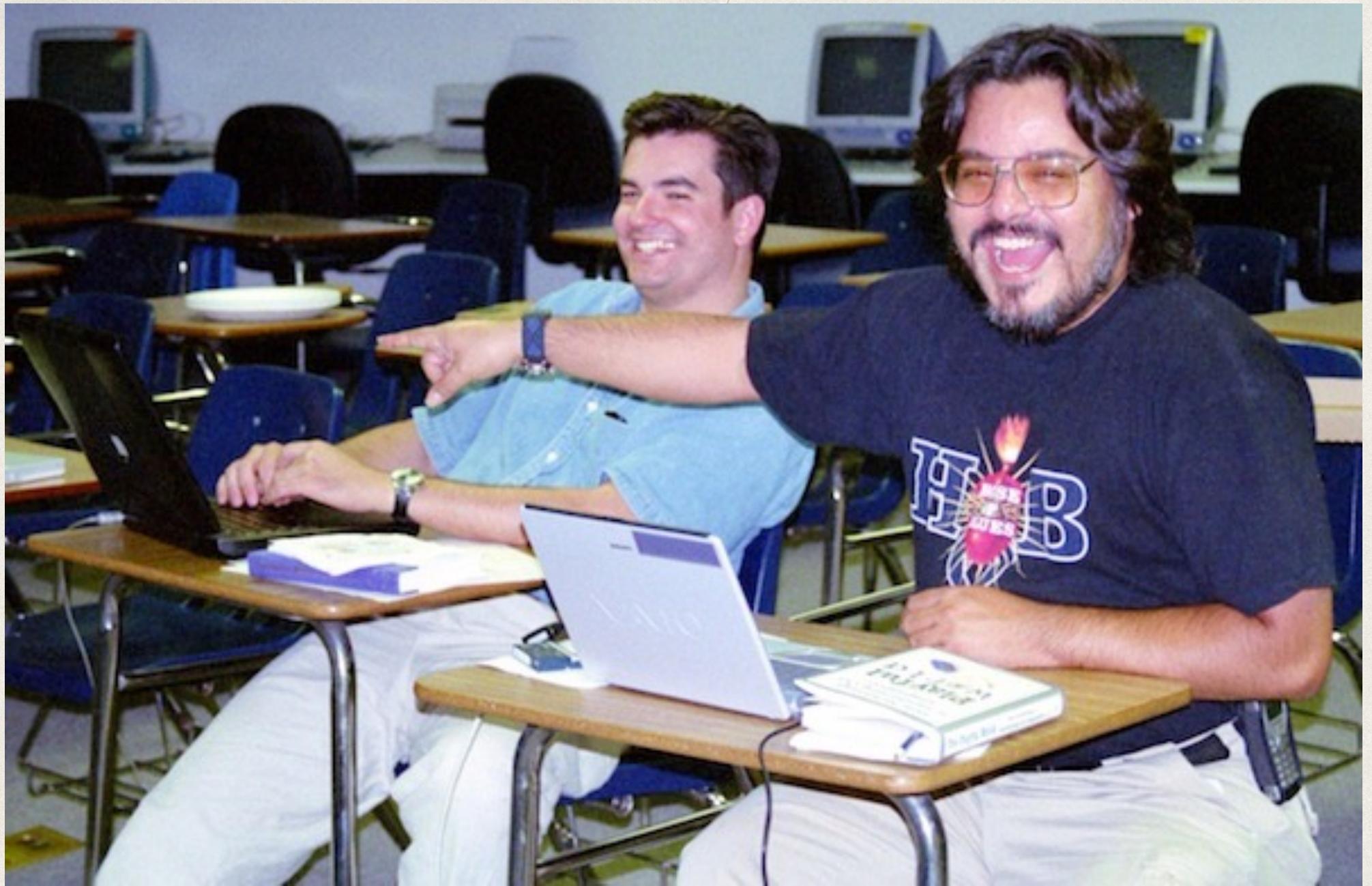
Toward a global perspective

Kahn Academy



• 12,725 enrolled
• 7,761 video
• 3,658 quiz
• 345 final
• 313 passed

**Video Tutorials “Very Viable”
MOOC Problematic Completion Rate:
Duke Univ. “Bioelectricity” (Fall 2012)**



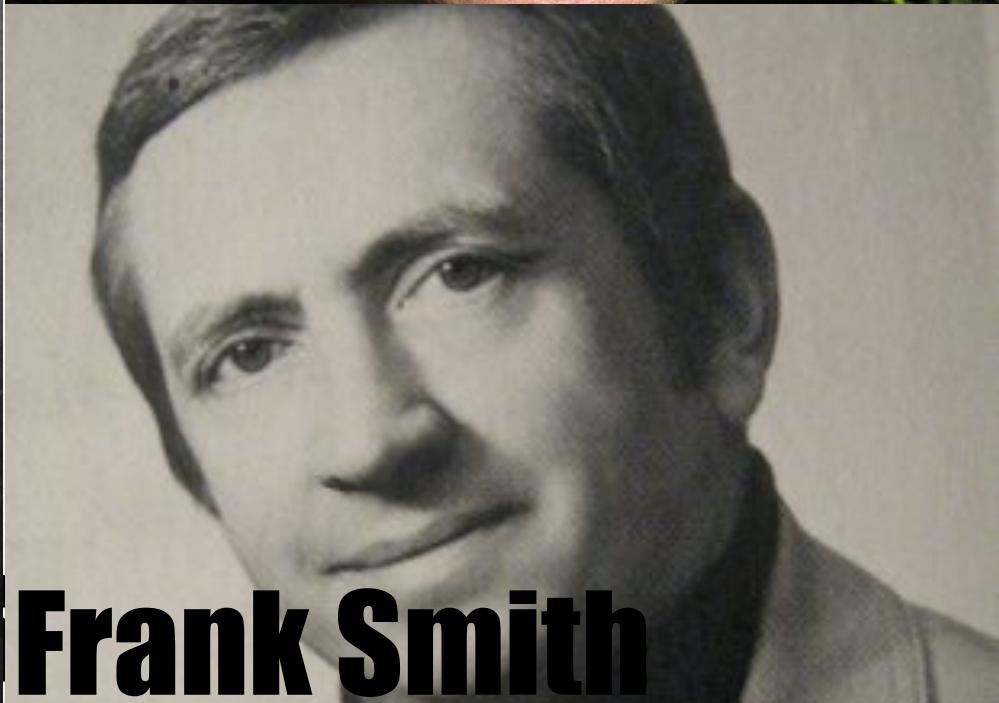
**Online Master/EdD & Teaching Online
Unlike MOOC Attrition Rates**



Lev Vygotsky



Frank Smith



Why does lynda.com Succeed & MOOCs Struggle?

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HUMANITIES

History

Music

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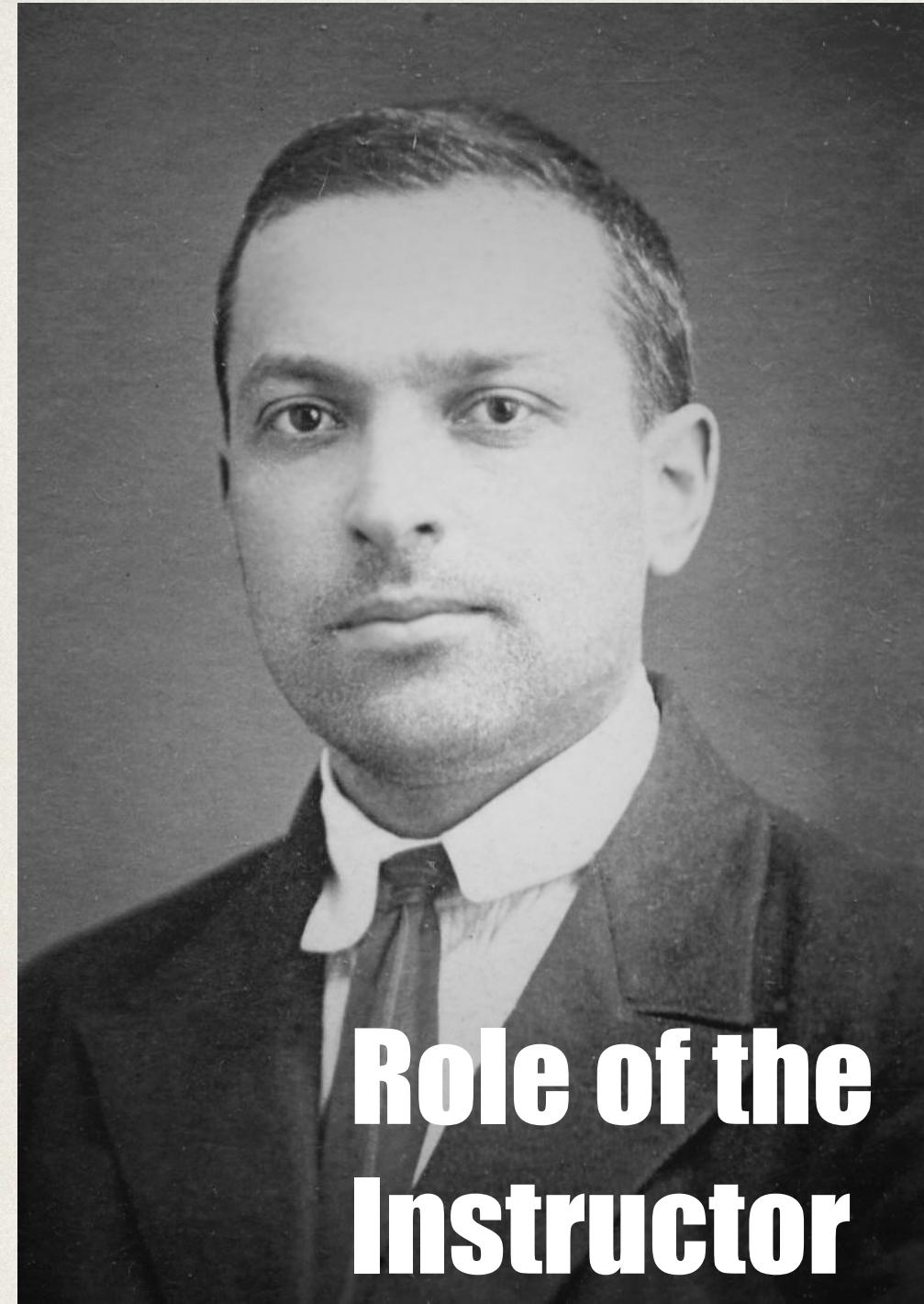
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Toward a global perspective

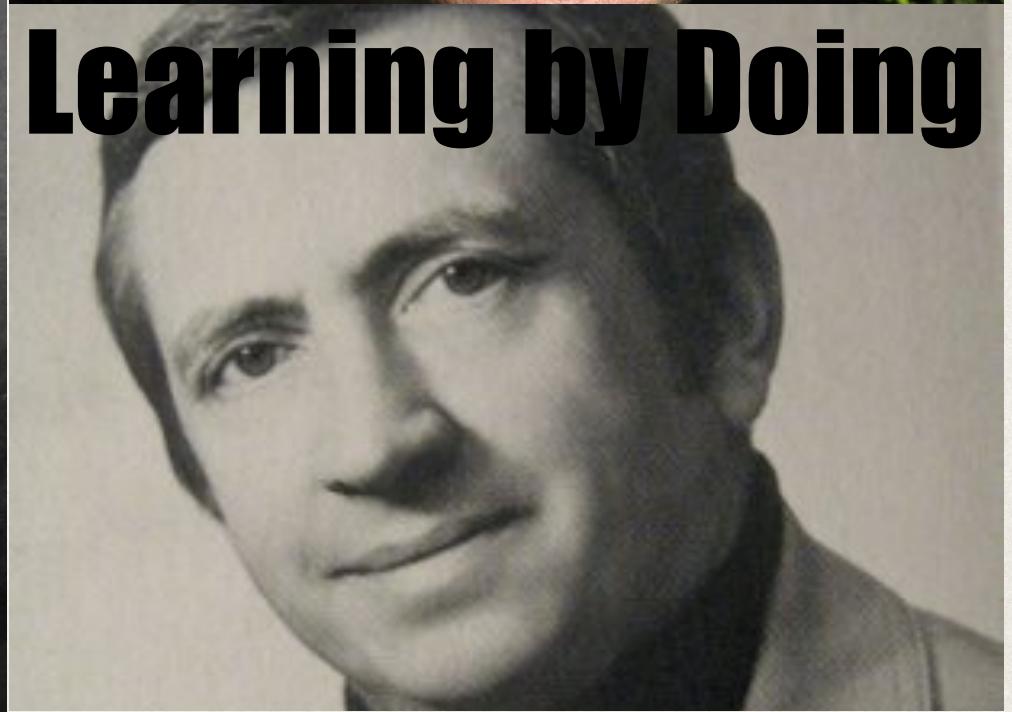
Single Task v. Larger Goal



**Role of the
Instructor**



Learning Groups



Learning by Doing

Used Tech to Make Meaningful Connections



A photograph showing a woman with long brown hair tied back in a ponytail, wearing a white t-shirt, and a man with dark hair, a beard, and glasses, wearing a light-colored shirt. They are both looking towards the right side of the frame, likely at a screen or presentation. The background is a plain, light-colored wall.

**Put More Humans
into the Loop**



Beware of the Technological Solution to the Sociological Problem

Challenge: How to Use Tech in a Way that empowers How Humans Learn



Education in the Age of the Technologist



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